

Amendments to the Claims

1. (Currently amended) A method for call parking, the method comprising the steps of:

establishing a first communication session between a first user agent and a second user agent in a network;

at the second user agent, initiating a call park for the first communication session ~~using~~ by entering a call park number;

at a server in the network, ~~creating an association between the call park number and the second user agent by~~ registering the call park number as a reference for the first communication session at the server;

responsive to registering the call park number at the server, parking the first communication session at the second user agent;

thereafter, at a third user agent in the network, entering the call park number;

responsive to entering the call park number at the third user agent, establishing a second communication session between the third user agent and the second user agent using ~~the association between the call park number and the second user agent, the association being obtained from the server~~;

sending to the third user agent from the second user agent an ~~the~~ address of the first user agent;

establishing a third communication session between the third user agent and the first user agent using the address of the first user agent; and

deregistering the call park number at the server.

2. (Currently amended) The method of claim 1, wherein registering the call park number as a reference for the first communication session ~~creating the association between the call park number and the second user agent further~~ comprises, at the server, authorizing the second user agent for call parking.

3. (Currently amended) The method of claim 1, wherein registering the call park number as a reference for the first communication session comprises, at the server, storing the call park number and location information of the second user agent ~~further comprising the step of using the call park number as a reference for the first communication session.~~

4. (Currently amended) The method of claim 1, wherein establishing the second communication session between the third user agent and the second user agent comprises, at the server, receiving the call park number from the third user agent and responsively routing the second communication session from the third user agent to the second user agent ~~responsive to receiving the call park number from the third user agent.~~

5. (Previously presented) The method of claim 4, wherein establishing the third communication session between the third user agent and the first user agent comprises referring the third user agent to invite the first user agent to initiate the third communication session.

6. (Currently amended) The method of claim 1, further comprising the step of terminating the first communication session when the third communication session between the

first user agent and the third user agent is successfully established ~~become engaged in the third communication session.~~

7. (Cancelled)

8. (Currently amended) The method of claim 1, further comprising the step of terminating the second communication session when the third communication session between the first user agent and the third user agent is successfully established ~~become engaged in the third communication session.~~

9. (Currently amended) The method of claim 1, wherein:
establishing the first communication session between the first user agent and the second user agent comprises using real time protocol (RTP) media exchange between the first user agent and the second user agent;
establishing the second communication session between the third user agent and the second user agent comprises using RTP media exchange between the third user agent and the second user agent; and
establishing the third communication session between the third user agent and the first user agent comprises using RTP media exchange between the third user agent and the first user agent.

~~further comprising the step of using real time protocol (RTP) media exchange for the first communication session, the second communication session, and the third communication session.~~

10. (Cancelled)

11. (Currently amended) A method for call parking in a network telephony system, the method comprising the steps of:

establishing a first communication session between a first user agent and a second user agent in a network;

at the second user agent, initiating a call park of the first communication session ~~using~~ by entering a call park number;

sending the call park number from the second user agent to a server in the network;

at the server, authorizing the second user agent for call parking;

at the server, responsive to authorizing the second user agent for call parking, ~~creating an association between the call park number and the second user agent by~~ registering the call park number as a reference for the first communication session at the server;

parking the first communication session at the second user agent;

thereafter, at a third user agent ~~in the network~~, entering the call park number;

responsive to entering the call park number at the third user agent, receiving a call at the server from the third user agent;

at the server, routing the call from the third user agent to the second user agent ~~using the association between the call park number and the second user agent~~;

establishing a second communication session between the third user agent and the second user agent;

sending to the third user agent from the second user agent an ~~the~~ address of the first user agent by way of the second communication session;

establishing a third communication session between the third user agent and the first user agent using the address of the first user agent;

terminating the first communication session between the first user agent and the second user agent;

deregistering the call park number at the server; and

terminating the second communication session between the second user agent and the third user agent.

12. (Currently amended) The method of claim 11, wherein:

establishing the first communication session between the first user agent and the second user agent comprises using real time protocol (RTP) media exchange between the first user agent and the second user agent;

establishing the second communication session between the third user agent and the second user agent comprises using RTP media exchange between the third user agent and the second user agent; and

establishing the third communication session between the third user agent and the first user agent comprises using RTP media exchange between the third user agent and the first user agent.

~~further comprising the step of using real time protocol (RTP) media exchange for the first communication session, the second communication session, and the third communication session.~~

13. (Previously presented) The method of claim 11, wherein establishing the third communication session between the third user agent and the first user agent comprises referring the third user agent to invite the first user agent to initiate the third communication session.

14. (Cancelled)

15. (Currently amended) The method of claim 11, wherein registering the call park number as a reference for the first communication session comprises, at the server, storing the call park number and location information of the second user agent ~~further comprising the step of using the call park number as a reference for the first communication session.~~

16. (Cancelled)

17. (Currently amended) A method for call parking in a SIP telephony system, the method comprising the steps of:

establishing a first communication session between a first user agent and a second user agent;

at the second user agent, initiating a call park of the first communication session ~~using~~ by entering a call park number;

sending the call park number from the second user agent to a SIP proxy server;

at the SIP proxy server, authorizing the second user agent for call parking;

at the SIP proxy server, responsive to authorizing the second user agent for call parking,
~~creating an association between the call park number and the second user agent by~~ registering the
call park number as a reference for the first communication session at the SIP proxy server;
thereafter, at a third user agent, entering the call park number;
responsive to entering the call park number at the third user agent, receiving a call at the
SIP proxy server from the third user agent;
at the SIP proxy server, routing the call from the third user agent to the second user agent
using ~~the association between~~ the call park number ~~and the second user agent~~;
sending ~~the~~ an address of the first user agent from the second user agent to the third user
agent;
establishing a second communication session between the third user agent and the first
user agent using the address of the first user agent;
deregistering the call park number at the SIP proxy server; and
terminating the first communication session.

18. (Currently amended) The method of claim 17, wherein:
establishing the second communication session between the third user agent and the first
user agent comprises, at the first user agent, accepting the second communication session;
and
terminating the first communication session comprises, at the second user agent,
terminating the first communication session in response to receiving a SIP REPLACES header in
conjunction with a SIP INVITE message from the third user agent.

19. (Currently amended) The method of claim 17, wherein:
establishing the first communication session between the first user agent and the second
user agent comprises using real time protocol (RTP) media exchange between the first user
agent and the second user agent; and
establishing the second communication session between the third user agent and the first
user agent comprises using RTP media exchange between the third user agent and the first user
agent.
~~further comprising the step of using real time protocol (RTP) media exchange for the first~~
~~communication session and the second communication session.~~

20. (Currently amended) The method of claim 17, wherein sending the call park
number from the second user agent to the SIP proxy server comprises sending a SIP REGISTER
message to the SIP proxy server to trigger registration of the call park number as a reference for
the first communication session.

21. (Previously presented) The method of claim 17, wherein routing the call from the
third user agent to the second user agent comprises forwarding a SIP INVITE message from the
SIP proxy server to the second user agent.

22. (Currently amended) The method of claim 21, wherein sending the address of the
first user agent from the second user agent to the third user agent comprises sending a SIP
REFER message from the second user agent to the third user agent in response to forwarding the
SIP INVITE message from the SIP proxy server to the second user agent.

23. (Cancelled)

24. (Currently amended) The method of claim 17, wherein registering the call park number as a reference for the first communication session comprises, at the SIP proxy server, storing the call park number and location information of the second user agent ~~further comprising the step of using the call park number as a reference for the first communication session.~~